

Page 32, replace the paragraph beginning at line 25 through page 33, line 9, with the following paragraph:

A4
Fig. 12 is a perspective view showing a cask relating to a second embodiment of the present invention. This cask 200 has a structure that spacers 201 for thermal conduction are further provided on the cask 500 shown in Fig. 19. These spacers 201 fill space areas S, and efficiently conduct heat from angular pipes 510 to a shell main body 501. The material for the spacers 201 is carbon steel that is the same as the material for the shell main body 501. The spacers 201 are manufactured by casting or forging or by a mechanical processing according to the shapes of the space areas S.

IN THE CLAIMS

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Please cancel Claims 1-13 without prejudice.

Please add new Claims 14-30 as follows:

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14. (New) A cask having a structure that a shape of an inside of a cavity of a shell main body that has a neutron shielding unit at its outer periphery and shields γ -rays is matched with an external shape of a basket having an angular cross section that is structured by a plurality of angular pipes having neutron absorbing property in a status that these pipes are inserted into the cavity, whereby each used nuclear fuel aggregate is accommodated in each cell of the basket inserted into the cavity.

15. (New) The cask according to claim 14, wherein a part of the inside of the cavity is matched with the external shape at the basket.

16. (New) The cask according to claim 14, wherein dummy pipes are further provided, and a shape of a portion within the cavity that has room in a thickness of the shell main body is matched with the shape of the dummy pipes, whereby the dummy pipes are

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inserted into the cavity together with the basket in a state that the dummy pipes are in contact with the angular pipes.

17. (New) The cask according to claim 14, wherein auxiliary shielding units for shielding the γ -rays are further provided at portions of an outermost side of the shell main body that has a small thickness of the shell main body.

18. (New) The cask according to claim 14, wherein a plurality of angular pipes that constitute the basket are integrated together before they are inserted into the cavity.

19. (New) A cask having a structure that a shape of either one of an inner surface of a cavity of a shell main body that has a neutron shielding unit at its outer periphery and shields γ -rays and an outer surface of a basket that has latticed cells structured by a plurality of angular pipes having neutron absorbing property, is matched with the shape of the other, whereby each used nuclear fuel aggregate is accommodated in each cell of the basket inserted into the cavity.

20. (New) The cask according to claim 19, wherein dummy pipes are further provided, and a shape of a portion within the cavity that has room in a thickness of the shell main body is matched with the shape of the dummy pipes, whereby the dummy pipes are inserted into the cavity together with the basket in a state that the dummy pipes are in contact with the angular pipes.

21. (New) The cask according to claim 19, wherein auxiliary shielding units for shielding the γ -rays are further provided at portions of an outermost side of the shell main body that has a small thickness of the shell main body.

22. (New) The cask according to claim 19, wherein a plurality of angular pipes that constitute the basket are integrated together before they are inserted into the cavity.

23. (New) A cask having a structure that spacers are provided between a cavity of a

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shell main body that has a neutron shielding unit at its outer periphery and shields γ -rays and a basket than has latticed cells structured by a plurality of angular pipes having neutron absorbing property, whereby each used nuclear fuel aggregate is accommodated in each cell of the basket inserted into the cavity.

24. (New) The cask according to claim 23, wherein a plurality of angular pipes that constitute the basket are integrated together before their are inserted into the cavity.

25. (New) A cask comprising:

a basket having a plurality of latticed cells formed for accommodating used nuclear fuel aggregates, by bundling a plurality of angular pipes having neutron absorbing material added to a structural material;

a shell main body having a cylindrical cavity that has been forged from a γ -rays shielding material, and that is plane processed by matching a shape of an inside of the cavity with an external shape of the basket constructed of the angular pipes; and

a neutron shielding unit having a plurality of internal fins extended between the shell main body and an external cylinder, and for shielding neutrons filled in a space formed by the shell main body, the external cylinder, and the internal fins, wherein

the angular pipe are sequentially inserted into the cavity to structure the basket while bringing the outer surface of the basket into contact with the inner surface of the cavity.

26. (New) A cask having a structure that a shape of an inside of a cavity of a shell main body that has a neutron shielding unit at its outer periphery and shields γ -rays is matched with an external shape of a basket that has a latticed angular cross-sectional shape by alternately combining in an orthogonal direction a plurality of plates having neutron absorbing property, whereby each used nuclear fuel aggregate is accommodated in each cell of the basket inserted into the cavity.

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concluded

27. (New) The cask according to claim 26, wherein a part of the inside of the cavity is matched with the external shape of the basket.

28. (New) The cask according to claim 26, wherein dummy pipes are further provided, and a shape of a portion within the cavity that has room in a thickness of the shell main body is matched with the shape of the dummy pipes, whereby the dummy pipes are inserted into the cavity together with the basket in a state that the dummy pipes are in contact with the plates.

29. (New) The cask according to claim 26, wherein when the basket is constructed by combining the plates, a thermal conductive plate having a contact with the cavity wall is provided at an end of each plate positioned at the outer periphery of the basket.

30. (New) The cask according to claim 26, wherein when the basket is constructed by combining the plates, a thermal conductive plate is provided between an end of each plate positioned at the outer periphery of the basket and an end of the other plate.

IN THE DRAWING

Approval of the attached substitute Figure 7 is respectfully requested.

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

The present Preliminary Amendment is submitted to place the above-identified application in more proper format under United States practice.

By the present Preliminary Amendment the specification has been amended to correct for minor informalities.